Ability, twin resemblances in mechanical, 207
Anthropometry, objectivity of measurements, 249
Attitudes, toward behavior problems, 282

Behavior Problems, and nurses' attitudes, 282

Color Vision, comments on, 299
reply to comments on, 301

Dark Adaptation, in infants, 263
Delinquents, characteristics of, 289
personality of, 115, 257, 289
Development, mental and motor, 329
of prematures, 1

Eidetic Imagery, 112
Environment, mental and motor development and, 329

Failure, reactions to, 241
Finger-thumb-sucking, effect on teeth, 93
psychiatric angle on, 99

Growth, changes in body proportions, 173, 311
methods, 89, 221
objectivity of measurements, 249
of prematures, 1
in weight, 47

Imagery, eidetic, 112
Infant, changes in body proportions, 173, 311
dark adaptation in, 263
maturational changes in rectal temperatures in, 195
premature, development, 1
Intelligence Quotient, variations, 357

Language, development, superiority, 139
indices, 62
measure of development, 69
Learning, motivating factors in, 273

Mental Deficiency, joint movement and, 129
Mental Development, 329
in institutional environments, 217
Motor Abilities, racial differences in, 369
Motor Development, 329

Names, development in use of proper, 270
Nutrition, and primary teeth, 102

Perception, correlation with other abilities in Grade I, 223
Performance, tests, 80
Personality, of delinquents, 115, 257, 289
Physical Status, comparison of methods, 89
validity of comparison of methods, 221
Play, comparison, preschool boys and girls, 144
materials, choice of, 305
rating scale, 15
Prematures, 1

Racial Differences, in motor abilities, 369
in reaction time, 279
Reaction Time, racial differences in, 279
Reasoning, in preschool child, 191
Recall, effect of pictures on, 295
Rhythm, training in, 159

Scale, rating, of play, 15
Sex Differences, in behavior, 343
Superiority, mental and linguistic, in only girls, 139

Teeth, effect of nutrition on, 102
and finger-thumb-sucking, 93, 99
Temperatures, maturational changes, in infants, 195
Tests, performance, 80
Thoracic Index, 173
Twins, mechanical ability resemblances in, 207

Vision, sighting preferences, 365
Visual Forms, 105

Weight, growth in, 47

Ability, twin resemblances in mechanical, 207
Anthropometry, objectivity of measurements, 249
Attitudes, toward behavior problems, 282

Behavior Problems, and nurses' attitudes, 282

Color Vision, comments on, 299
reply to comments on, 301

Dark Adaptation, in infants, 263
Delinquents, characteristics of, 289
personality of, 115, 257, 289
Development, mental and motor, 329
of prematures, 1

Eidetic Imagery, 112
Environment, mental and motor development and, 329

Failure, reactions to, 241
Finger-thumb-sucking, effect on teeth, 93
psychiatric angle on, 99

Growth, changes in body proportions, 173, 311
methods, 89, 221
objectivity of measurements, 249
of prematures, 1
in weight, 47

Imagery, eidetic, 112
Infant, changes in body proportions, 173, 311
dark adaptation in, 263
maturational changes in rectal temperatures in, 195
premature, development, 1
Intelligence Quotient, variations, 357

Language, development, superiority, 139
indices, 62
measure of development, 69
Learning, motivating factors in, 273

Mental Deficiency, joint movement and, 129
Mental Development, 329
in institutional environments, 217
Motor Abilities, racial differences in, 369
Motor Development, 329

Names, development in use of proper, 270
Nutrition, and primary teeth, 102

Perception, correlation with other abilities in Grade I, 223
Performance, tests, 80
Personality, of delinquents, 115, 257, 289
Physical Status, comparison of methods, 89
validity of comparison of methods, 221
Play, comparison, preschool boys and girls, 144
materials, choice of, 305
rating scale, 15
Prematures, 1

Racial Differences, in motor abilities, 369
in reaction time, 279
Reaction Time, racial differences in, 279
Reasoning, in preschool child, 191
Recall, effect of pictures on, 295
Rhythm, training in, 159

Scale, rating, of play, 15
Sex Differences, in behavior, 343
Superiority, mental and linguistic, in only girls, 139

Teeth, effect of nutrition on, 102
and finger-thumb-sucking, 93, 99
Temperatures, maturational changes, in infants, 195
Tests, performance, 80
Thoracic Index, 173
Twins, mechanical ability resemblances in, 207

Vision, sighting preferences, 365
Visual Forms, 105

Weight, growth in, 47

CONTENTS

Number 1. March, 1937

Development within the first two years of infants prematurely born. Ruth T. Melcher..... 1
A rating scale of the vigorousness of play activities of preschool children. Evaline Fales..... 15
Anthropometric studies of individual growth. II. Age, weight, and rate of growth in weight, elementary school children. Carroll E. Palmer, Riiti Kawakami and Lowell J. Reed..... 47
An evaluation of various indices of linguistic development. John E. Anderson..... 62
Mean sentence length compared with long and short sentences as a reliable measure of language development. Edith A. Davis..... 69
Correlations of performance tests with other abilities and traits in Grade I. Frank T. Wilson and Cecile White Flemming..... 80
A comparison of four current methods of estimating physical status. Everett L. Marshall..... 89
The effect of thumb and finger sucking on the primary teeth and dental arches. Samuel J. Lewis..... 93
Thumb or finger sucking from the psychiatric angle. David M. Levy..... 99
The effect of nutrition on the primary teeth. Frederick F. Tisdall..... 102
Identification by young children of differently oriented visual form. Sidney M. Newhall..... 105
A new eidetic phenomenon. J. Edward Rauth and James J. Sinnott..... 112

Number 2. June, 1937

Personality characteristics of juvenile delinquents. I. A method for the selection of differentiating traits. Mervin A. Durea..... 115
Deficiencies in amplitude of joint movement associated with mental deficiency. A. Douglas Glanville and George Kreezer..... 129
The mental and linguistic superiority of only girls. Edith A. Davis..... 139
A comparison of the vigorousness of play activities of preschool boys and girls. Evaline Fales..... 144
The effect of training on rhythmic ability and other problems related to rhythm. Minnie Giesecke Wight..... 159
Changes in body proportions during infancy and the preschool years: I. The thoracic index. Howard V. Meredith and Virginia B. Knott..... 173
Teaching the preschool child to reason. Enid S. Smith..... 191

CONTENTS

Number 3. September, 1937

Maturational changes in rectal temperatures of 61 infants from 1 to 36 months. Nancy Bayley and Herbert R. Stolz..... 195
Twin resemblances in mechanical ability, with reference to the effects of practice on performance. David Brody..... 207
The mental development of children of the same IQ in differing institutional environments. Orlo L. Crissey..... 217
Validity of comparisons of current methods for estimating physical status. Raymond Franzen..... 221
Correlations of perception with other abilities and traits in Grade I. Frank T. Wilson and Cecile White Flemming..... 223
A study of children's reactions to failure and an experimental attempt to modity them. Mary E. Keister and Ruth Updegraff..... 241
The objectivity of anthropometric measurements taken on eight- and nine-year-old white males. Everett L. Marshall..... 249
Personality characteristics of juvenile delinquents. II. Reliability of differentiating traits. Mervin A. Durea..... 257
A preliminary report of dark adaptation in young infants. Janet E. Redfield..... 263
Development in the use of proper names. Edith A. Davis..... 270
Motivating factors in child learning. Elisabeth T. Mast..... 273
Racial differences in reaction time at the preschool level. Catherine Harmon..... 279
A study of nurses' attitudes toward the behavior problems of children under hospital care. Hazel H. Bowles..... 282

Number 4. December, 1937

Wishes, fears, interests, and identifications of delinquent boys. George S. Speer..... 289
Effect of pictures on recall of stories told orally. Dorothy Tilden Spoerl..... 295
Comments upon J. M. Smith's work, "The relative brightness values of three hues for newborn infants." Albrecht Peiper (translated by Karl C. Pratt)..... 299
Reply to Peiper. Josephine M. Smith..... 301
Frequency of choice of play materials by preschool children. Marion Sill McDowell..... 305
Changes in body proportions during infancy and the preschool years: II. Width of hips in relation to shoulder width, chest width, stem length, and leg length. Virginia B. Knott and Howard V. Meredith..... 311
Environmental correlates of mental and motor development: A cumulative study from infancy to six years. Nancy Bayley and Harold E. Jones..... 329
Sex differences in behavior of nursery school children. LaBerta A. Hattwick..... 343
Variations in the intelligence quotient of 105 children. H. O. O'Neill..... 357
Minor studies on sighting preferences. Blake Crider..... 365
A comparative study of motor abilities of negroes and whites. Adele Rhodes..... 369